

## Vim Solutions

1. You can do this by using sort command in vim itself.

```
:sort! n
```

There are other methods too. I found this one to be the shortest. Press `:` to go to command mode. Vim has an inbuilt sort command. As we want to sort in decreasing order, we will use `:sort!` and as we want to sort numerically we use `:sort! n`

Another method is using terminal command. Both methods are given full points.

```
:% !sort -nrk 2
```

options ( `-n` numerically sort, `-r` sort reverse, `-k` column number)

2. Method 1 :- More keystrokes.

`Ctrl-V`(visual-block mode) + `G` (to select everything upto last line) + `I` ( beginning of line) + `*` + `ESC`(go back to normal mode) + `2j` ( 2 lines down) + `x`(delete character) + `4j`( 4 lines down) + `x`(delete character) + `2j`(2 lines down) + `x`(delete character).

Method 2: Lesser keystrokes.( 9 keystrokes)

```
:%s/^./*&
```

This method searches for a pattern `^.` and then prepends `*` to the selection. `&` refers to the pattern we have selected so basically `*&` will prepend `*` in front of our pattern selected.

There may be many other ways to do the same thing.

Method 3: Even lesser keystrokes( 8 keystrokes )

`Ctrl-V`(visual-block) + `G`(go to end) + `y`(yank) + `P` (paste before) + `gv`( selects last selection) + `r*` (replace with `*` )

DM me if you have even lesser keystrokes :)

3. Simple one...

Input file is given to you

`V`(visual line) + `:` (command mode) + `!` ( access terminal) + `figlet`

There is no need to use read command. Input file is given to you. You just have to replace the selected text.

4. `:g` (act on whole file) + `/struct/d` (delete matching pattern).

5. `:g/^/m0`

Another possible way :

:%!tac

Both will be given full points.